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## 9.0 EVALUATION OF THE CLEANUP ACTION WITH RESPECT TO MTCA CRITERIA

### 9.1 EVALUATION WITH RESPECT TO THRESHOLD CRITERIA

#### 9.1.1 Protection of Human Health and the Environment

The selected remedy would reduce the risks posed to human health and the environment by eliminating, reducing or controlling exposures to human and environmental receptors through containment, engineering controls, and institutional controls. The soil and fill materials, that serve as cover to the contaminated soils left on site, along with periodic inspection and maintenance, would prevent direct exposure to the contamination. Stormwater management would reduce concentrated precipitation from locally infiltrating into the contaminated soils. The streambank bioengineering would provide for erosion control and riparian corridor enhancement and locally help dampen rapid interaction between the ground water and the river. Institutional controls include deed restrictions that would prevent the use of contaminated ground water, and that will restrict land use that could result in unacceptable risks to human health and the environment. Long-term monitoring would insure that the remedy remains protective in the future.

#### 9.1.2 Compliance with Cleanup Standards

Soil cleanup standards would be met using containment consistent with the requirements of WAC 173-340-740(6)(c). Compliance monitoring would be designed to ensure the long-term integrity of the containment systems. Ground water cleanup levels would be met at conditional points of compliance to be located as close as practicable to the source of contamination.

#### 9.1.3 Compliance with Applicable State and Federal Laws

The selected cleanup action would meet Applicable State and Federal laws. Applicable laws for the selected remedy are listed in Table 11. Local laws, which may be more stringent than specified state and federal law, will govern where applicable.

#### 9.1.4 Provide for Compliance Monitoring

The selected remedy provides for compliance monitoring. A compliance monitoring plan will be prepared in accordance with the requirements in WAC 173-340-410.

### 9.2 EVALUATION WITH RESPECT TO OTHER REQUIREMENTS

Ecology has determined that the selected remedy is permanent to the maximum extent practicable. Ecology believes that the selected remedy would provide a reasonable restoration time frame based on the criteria under WAC 173-340-360(6).

Ecology provided the public with an opportunity to review and comment on the Draft Cleanup Action Plan from July 2 to August 1, 2001. Written comments were evaluated and addressed in the Responsiveness Summary dated August 8, 2001.